

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009835.D
 Acq On : 04 Aug 2022 16:21
 Operator : KP/MD
 Sample : N3961-14
 Misc : 3.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-180

Quant Time: Aug 05 01:44:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

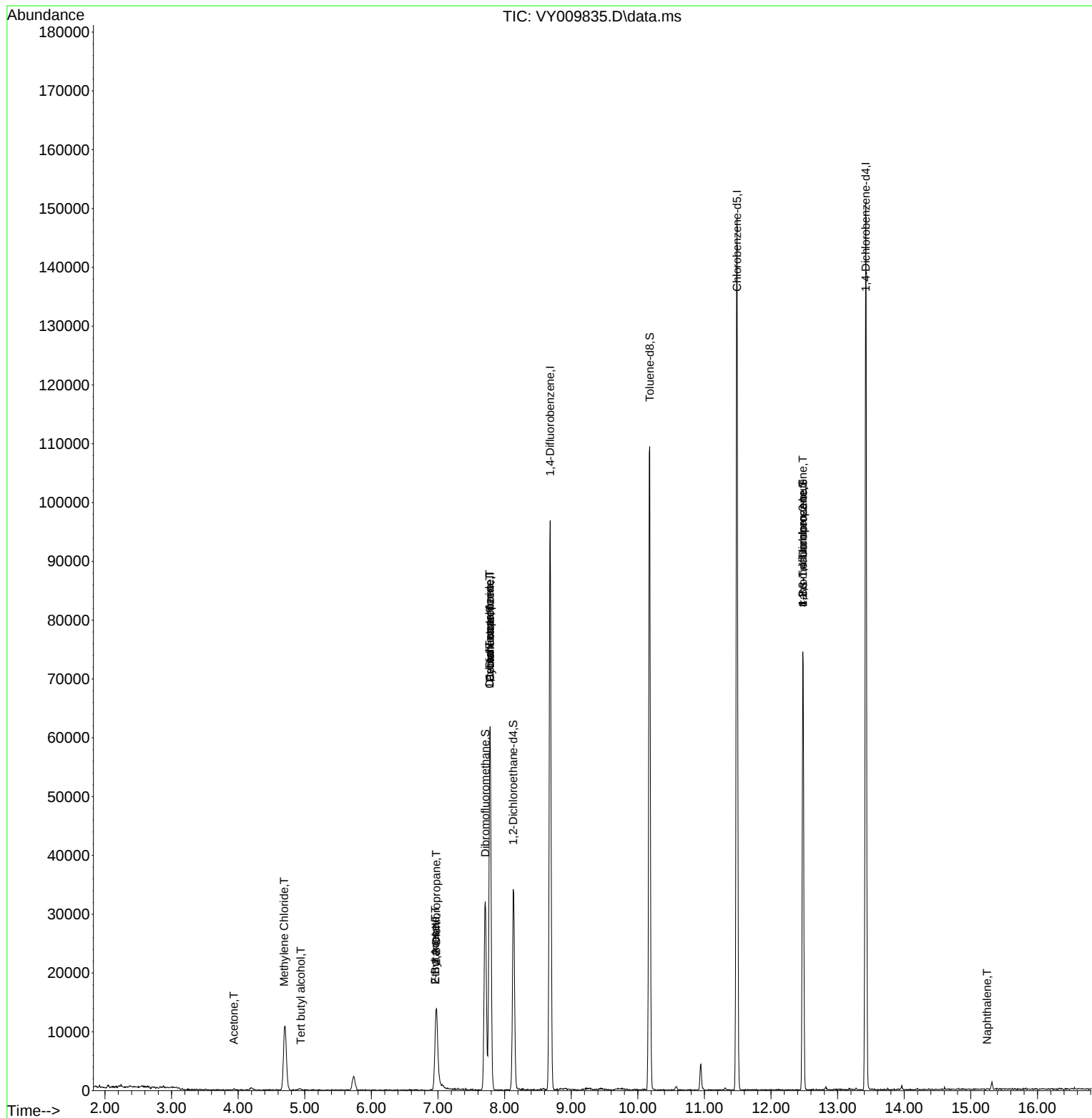
Internal Standards						
1) Pentafluorobenzene	7.783	168	47797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	80308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	77077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24304	63.493	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.980%
35) Dibromofluoromethane	7.710	113	22465	45.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.760%
50) Toluene-d8	10.179	98	69220	47.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.720%
62) 4-Bromofluorobenzene	12.477	95	21339	32.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	64.360%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	53	Below Cal	#	2
11) Tert butyl alcohol	4.942	59	356	7.015	ug/l #	78
16) Acetone	3.936	43	285	2.106	ug/l #	52
20) Methylene Chloride	4.692	84	8111	6.011	ug/l	92
25) 2-Butanone	6.960	43	905	4.089	ug/l #	53
26) 2,2-Dichloropropane	6.972	77	1156	1.281	ug/l #	52
31) Cyclohexane	7.783	56	1108	1.225	ug/l #	7
36) 1,1-Dichloropropene	7.777	75	3971	4.888	ug/l #	49
37) Ethyl Acetate	6.960	43	905	1.710	ug/l #	1
38) Carbon Tetrachloride	7.777	117	4611	5.397	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	11620	27.492	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11620	59.004	ug/l #	13
95) Naphthalene	15.245	128	75	5.465	ug/l #	69

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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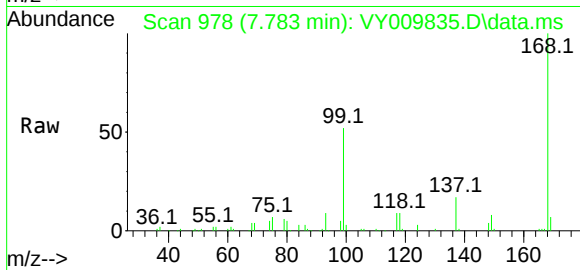
Quant Time: Aug 05 01:44:07 2022
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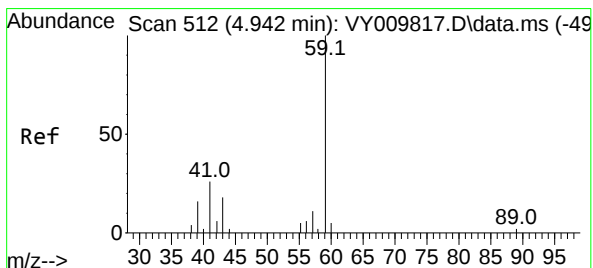
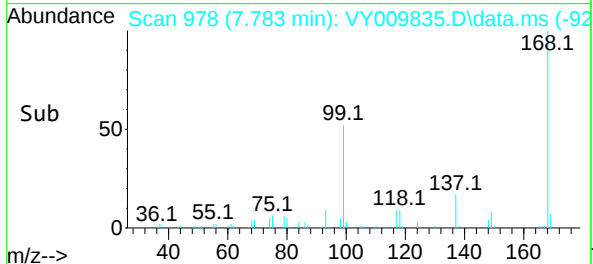
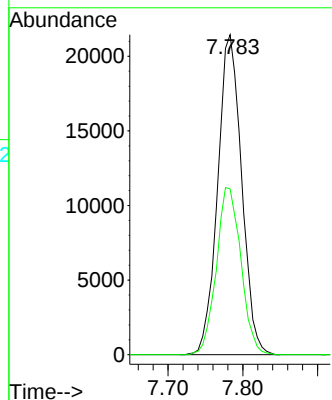


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
RVE-180

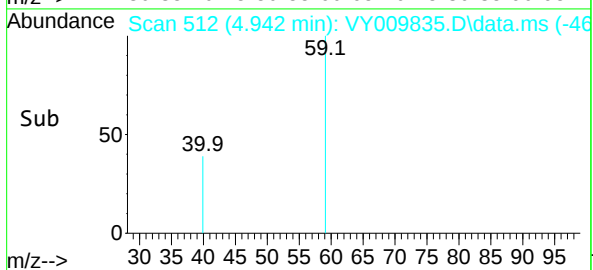
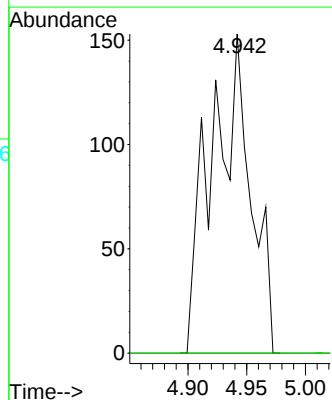
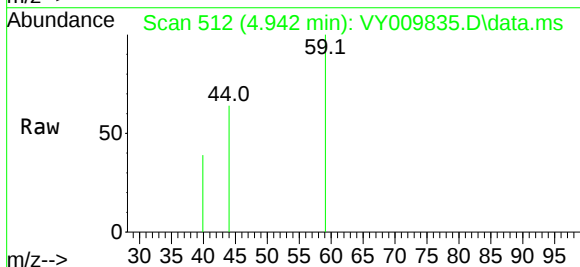


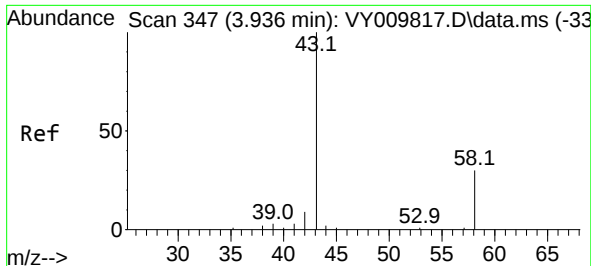
Tgt Ion:168 Resp: 47797
Ion Ratio Lower Upper
168 100
99 51.8 44.7 67.1



#11
Tert butyl alcohol
Concen: 7.015 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

Tgt Ion: 59 Resp: 356
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#





#16

Acetone

Concen: 2.106 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

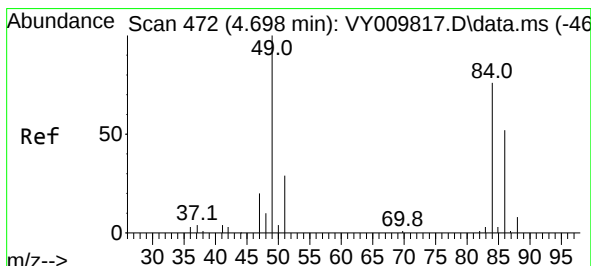
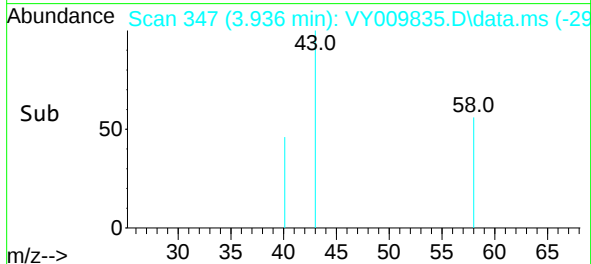
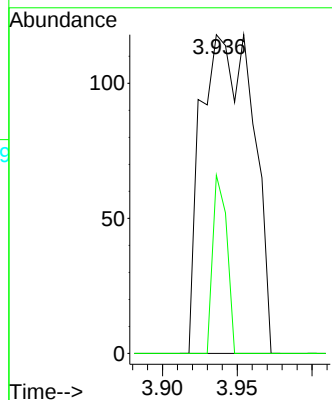
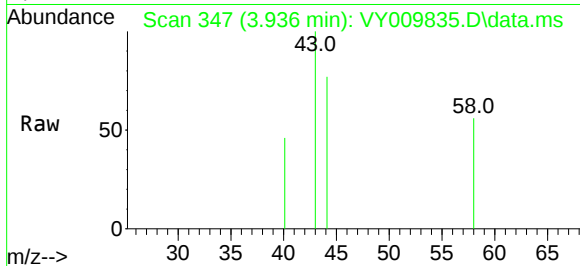
RVE-180

Tgt Ion: 43 Resp: 285

Ion Ratio Lower Upper

43 100

58 55.9 24.1 36.1#



#20

Methylene Chloride

Concen: 6.011 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

Tgt Ion: 84 Resp: 8111

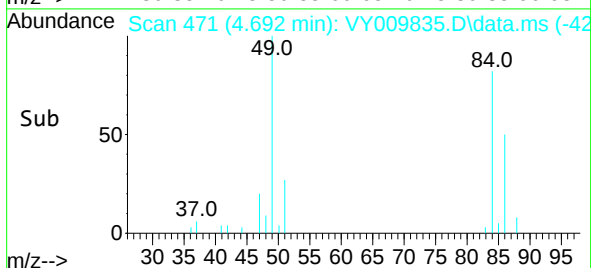
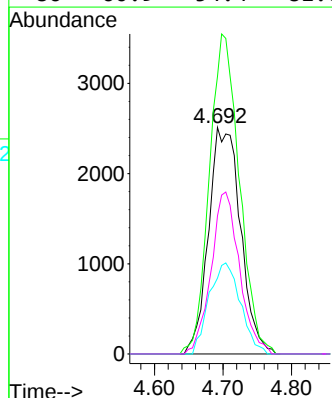
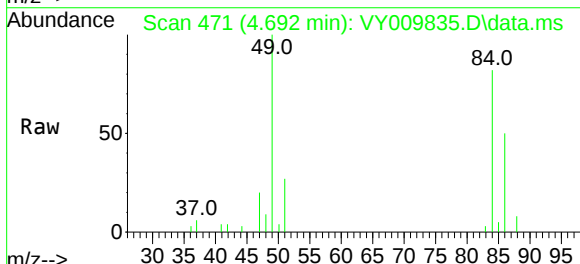
Ion Ratio Lower Upper

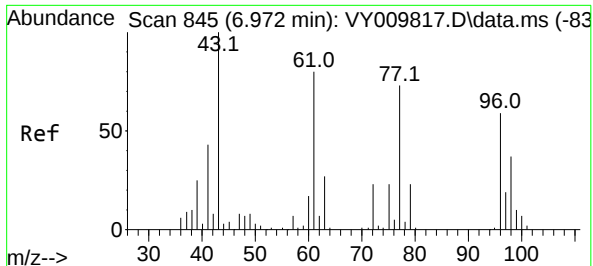
84 100

49 122.5 104.6 156.8

51 33.5 30.9 46.3

86 60.9 54.4 81.6





#25

2-Butanone

Concen: 4.089 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

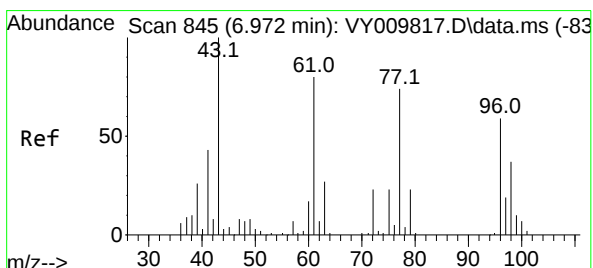
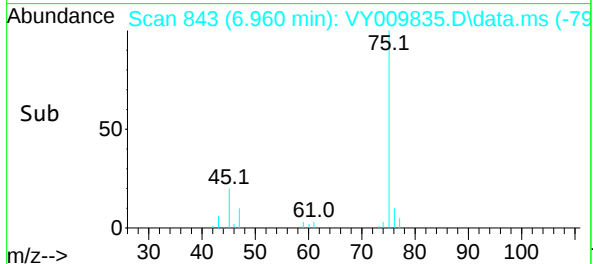
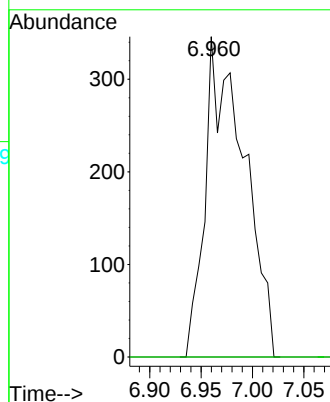
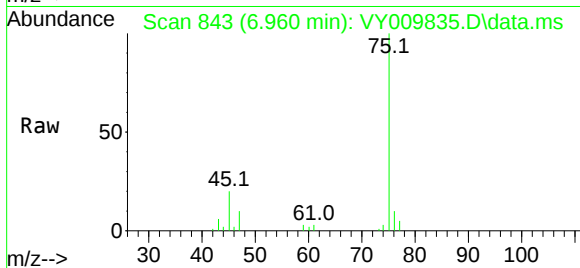
RVE-180

Tgt Ion: 43 Resp: 905

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.4#



#26

2,2-Dichloropropane

Concen: 1.281 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009835.D

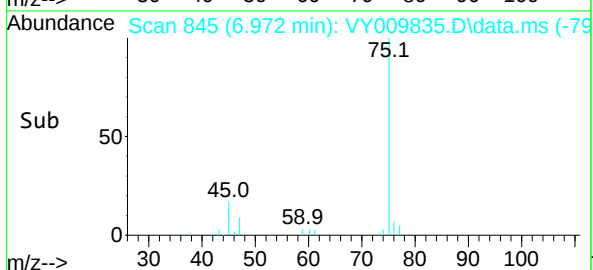
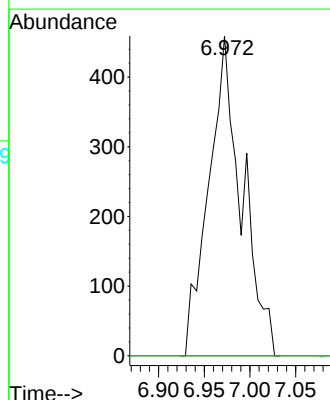
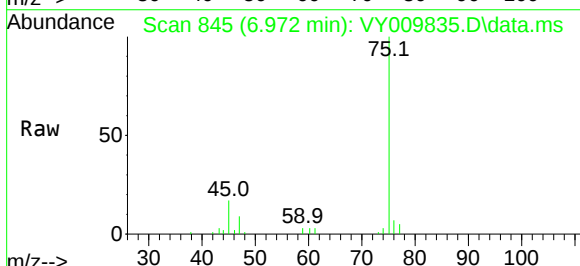
Acq: 04 Aug 2022 16:21

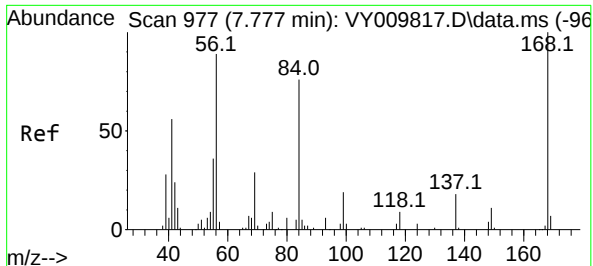
Tgt Ion: 77 Resp: 1156

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#

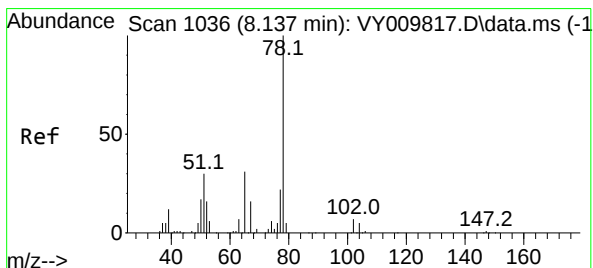
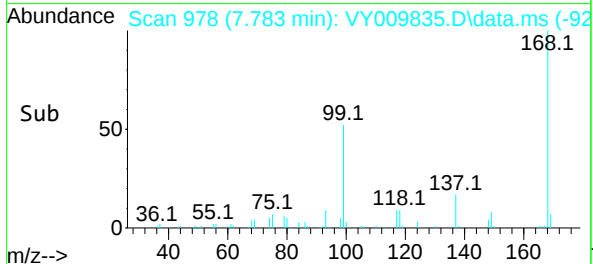
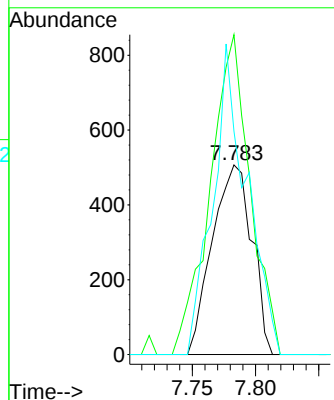
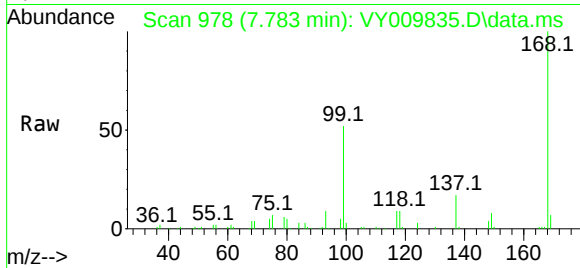




#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

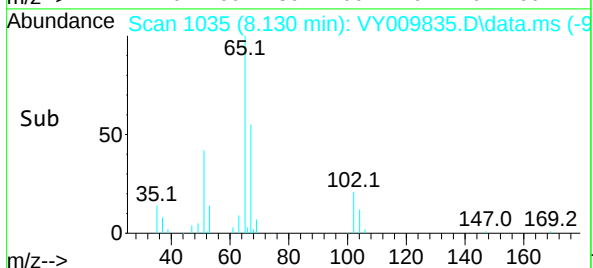
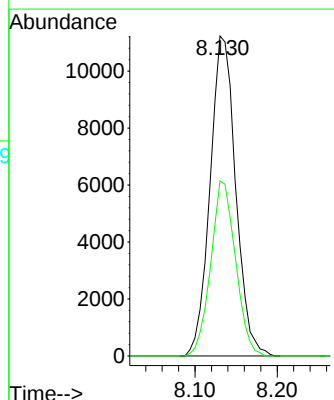
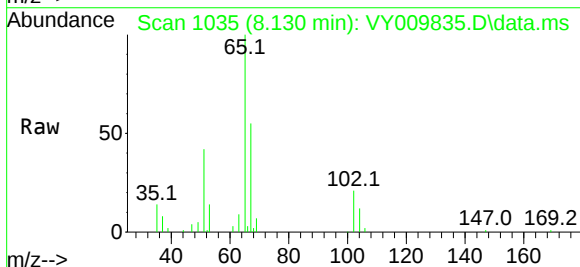
Instrument :
MSVOA_Y
ClientSampleId :
RVE-180

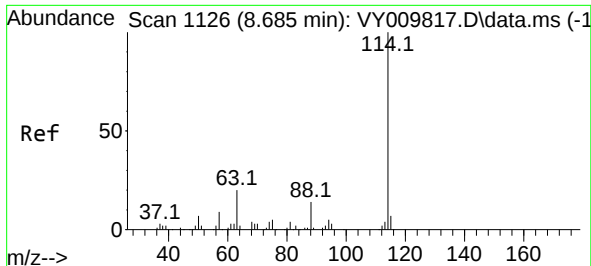
Tgt Ion: 56 Resp: 1108
Ion Ratio Lower Upper
56 100
69 168.6 25.8 38.8#
84 117.8 67.9 101.9#



#33
1,2-Dichloroethane-d4
Concen: 63.493 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

Tgt Ion: 65 Resp: 24304
Ion Ratio Lower Upper
65 100
67 52.9 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

RVE-180

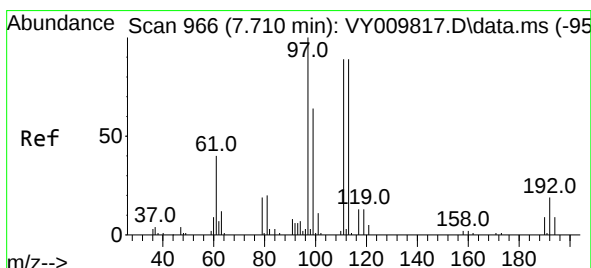
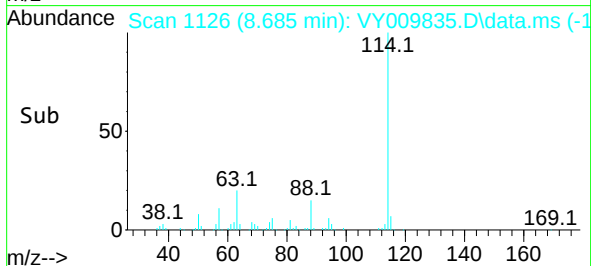
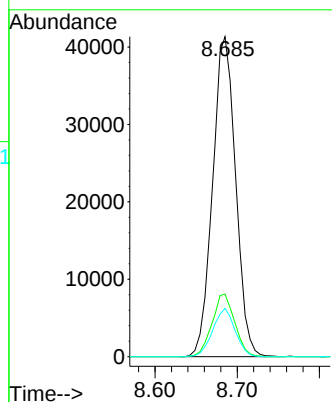
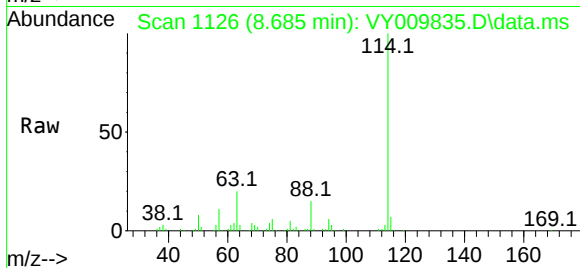
Tgt Ion:114 Resp: 80308

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 15.1 0.0 27.6



#35

Dibromofluoromethane

Concen: 45.880 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

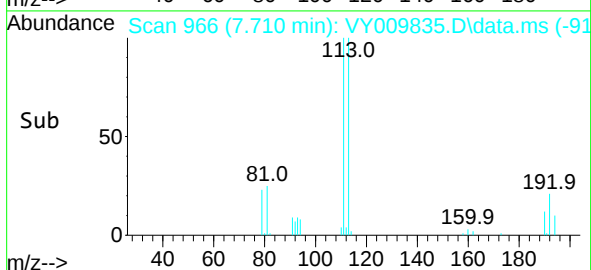
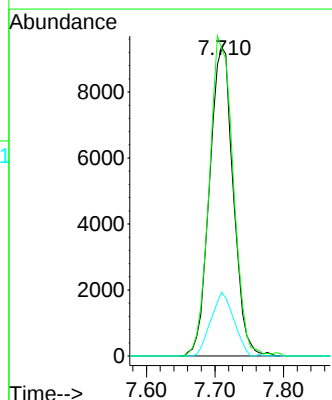
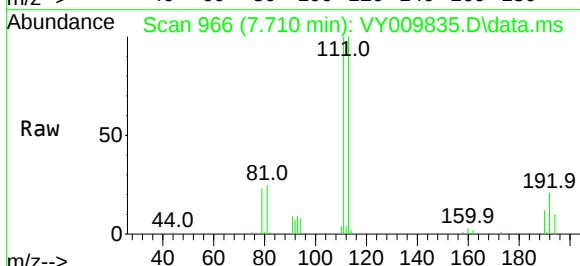
Tgt Ion:113 Resp: 22465

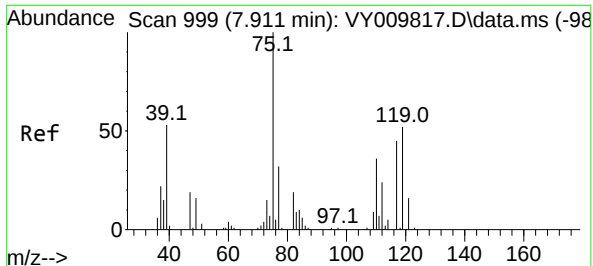
Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

192 19.9 16.5 24.7





#36

1,1-Dichloropropene

Concen: 4.888 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

RVE-180

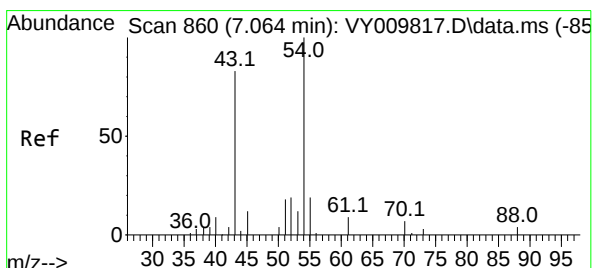
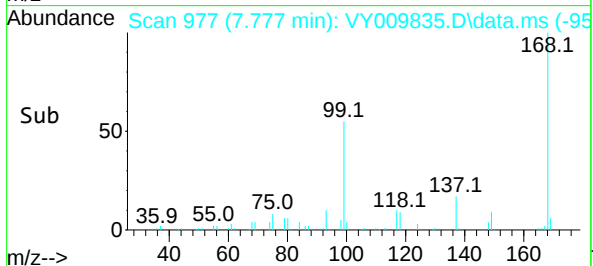
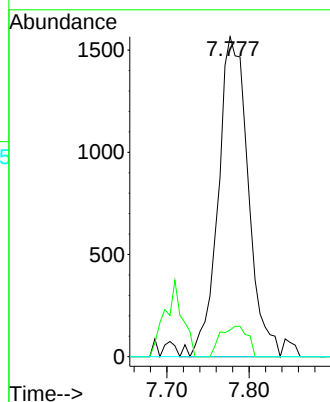
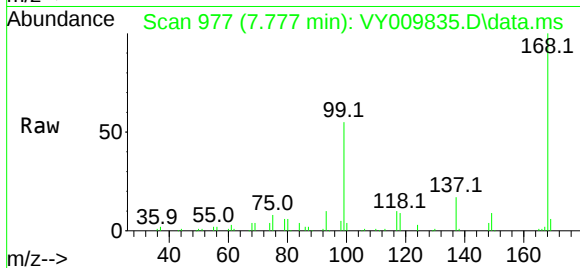
Tgt Ion: 75 Resp: 3971

Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.4#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 1.710 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.104 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

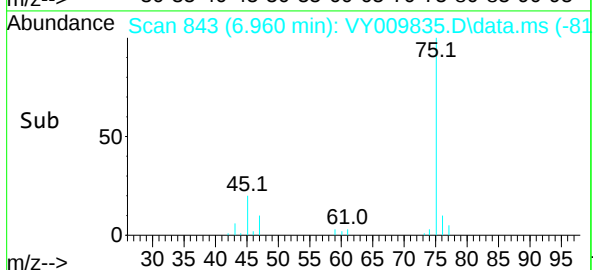
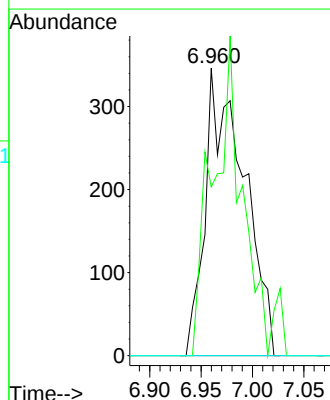
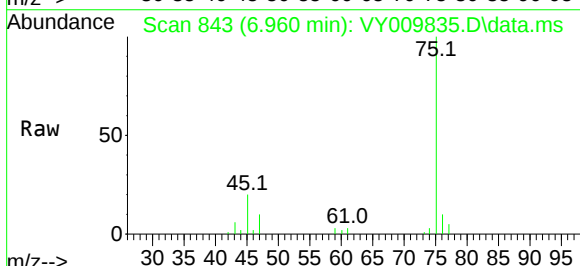
Tgt Ion: 43 Resp: 905

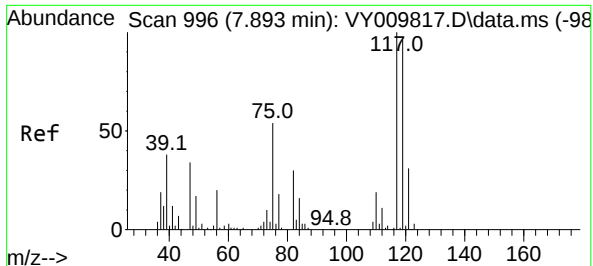
Ion Ratio Lower Upper

43 100

61 84.2 11.0 16.6#

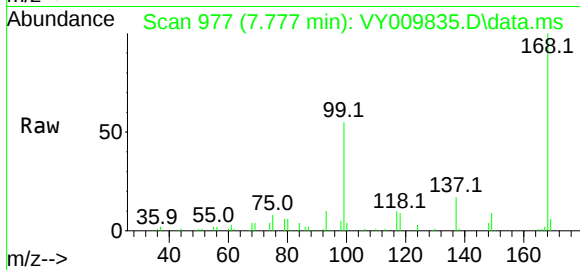
70 0.0 7.0 10.6#



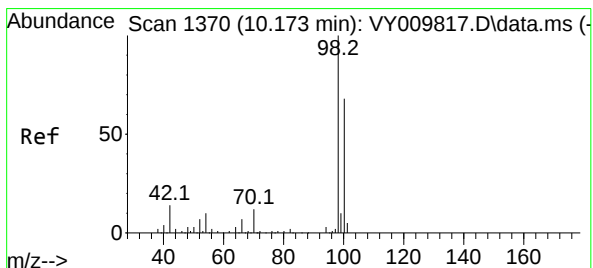
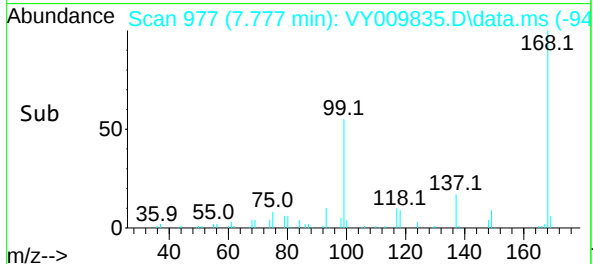
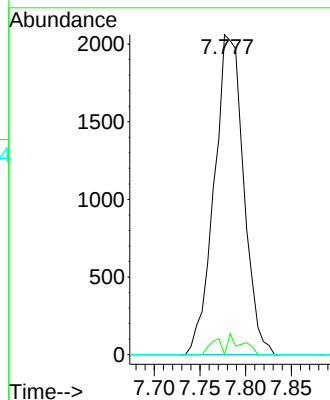


#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
RVE-180

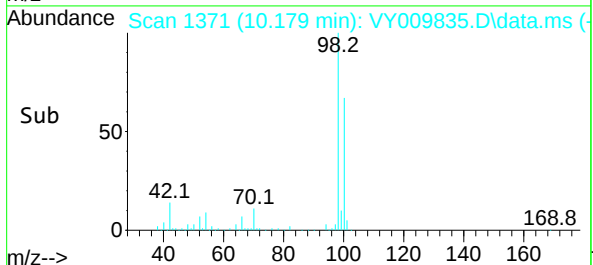
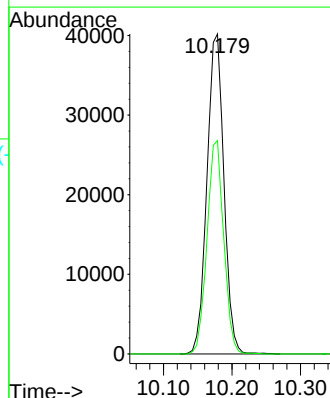
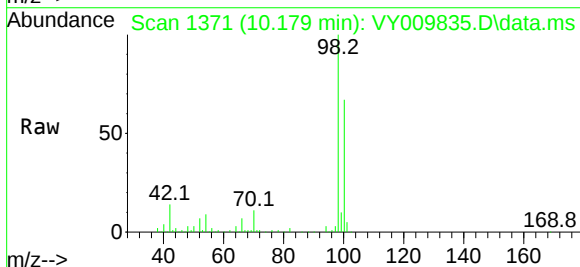


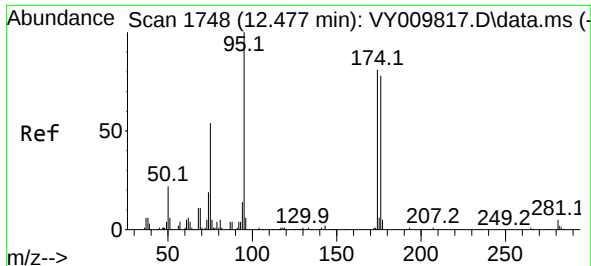
Tgt Ion:117 Resp: 4611
Ion Ratio Lower Upper
117 100
119 0.0 76.8 115.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 47.856 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

Tgt Ion: 98 Resp: 69220
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 32.183 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

RVE-180

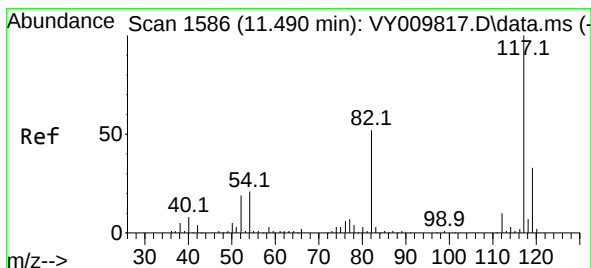
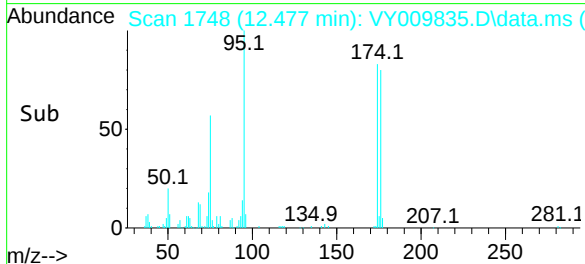
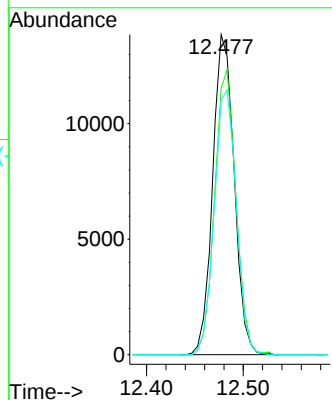
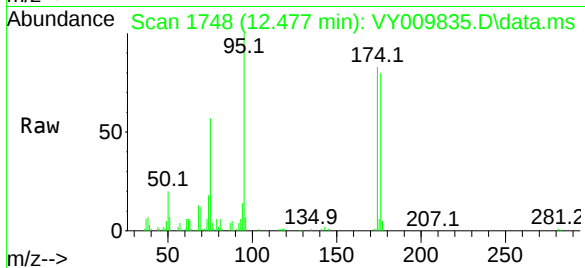
Tgt Ion: 95 Resp: 21339

Ion Ratio Lower Upper

95 100

174 88.9 0.0 168.6

176 84.8 0.0 163.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009835.D

Acq: 04 Aug 2022 16:21

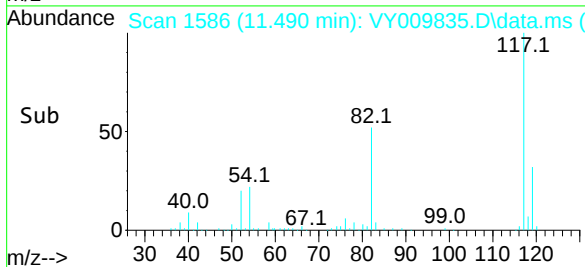
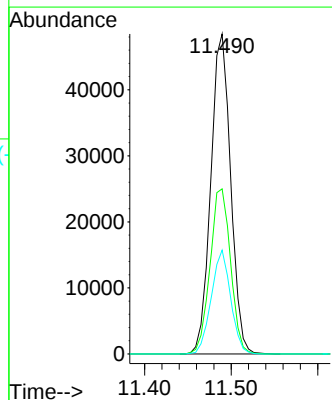
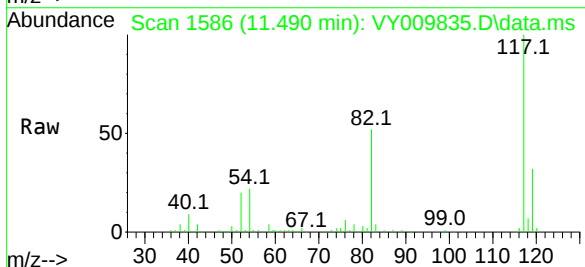
Tgt Ion: 117 Resp: 77077

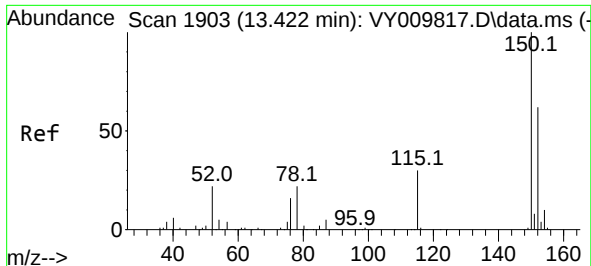
Ion Ratio Lower Upper

117 100

82 51.6 41.7 62.5

119 32.4 26.6 40.0

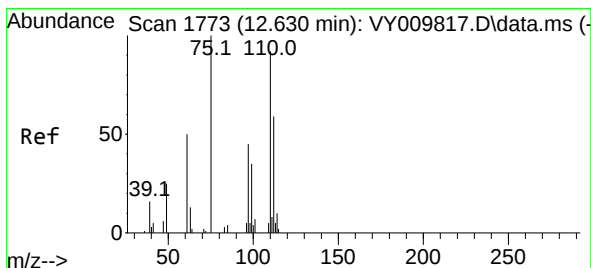
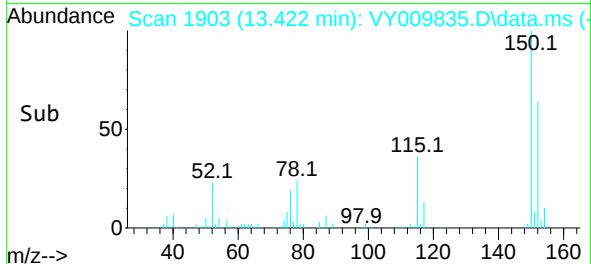
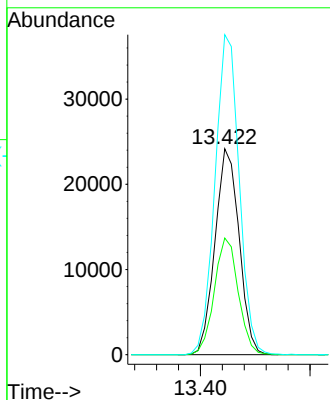
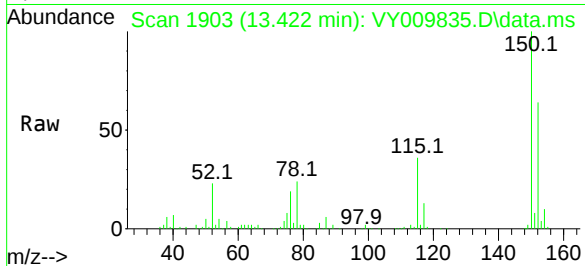




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

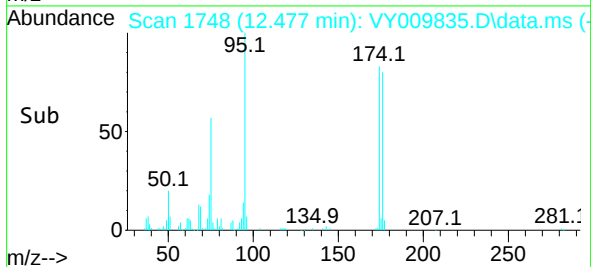
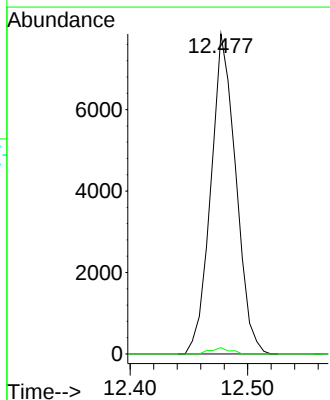
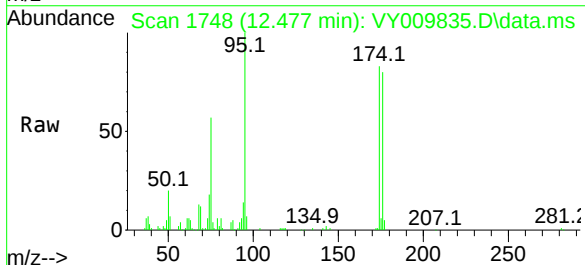
Instrument :
MSVOA_Y
ClientSampleId :
RVE-180

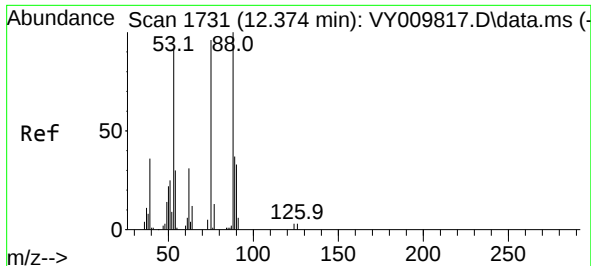
Tgt Ion:152 Resp: 36949
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 155.9 0.0 354.2



#76
1,2,3-Trichloropropane
Concen: 27.492 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

Tgt Ion: 75 Resp: 11620
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

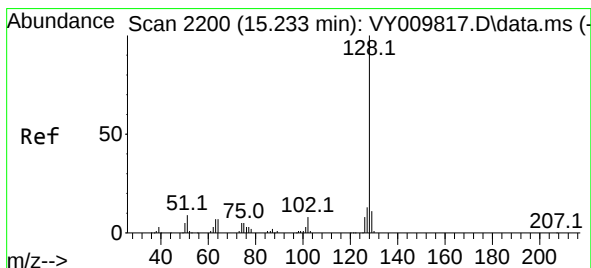
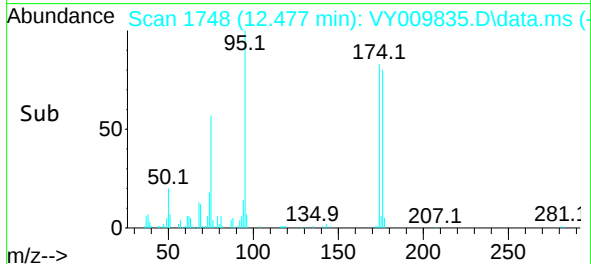
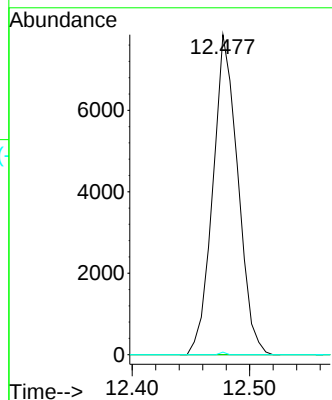
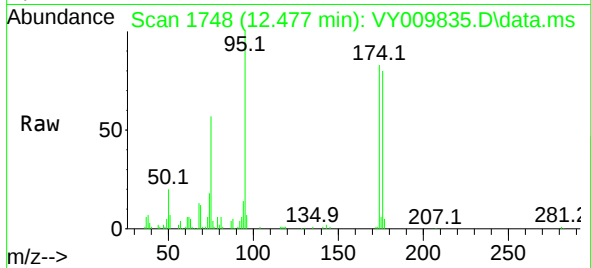




#81
trans-1,4-Dichloro-2-butene
Concen: 59.004 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
RVE-180

Tgt Ion: 75 Resp: 11620
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.2 35.3 52.9#



#95
Naphthalene
Concen: 5.465 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.012 min
Lab File: VY009835.D
Acq: 04 Aug 2022 16:21

Tgt Ion: 128 Resp: 75
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

